

Registrar's Desk.
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LOYOLA UNIVERSITY BULLETIN

Volume XIX

January, 1937

No. 1

NEW ORLEANS COLLEGE OF PHARMACY

C A T A L O G U E

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A N N O U N C E M E N T S

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LOYOLA UNIVERSITY

6363 St. Charles Avenue

NEW ORLEANS, LA.

Loyola University, Incorporated April 15, 1912. Authorized to grant degrees by The General Assembly of Louisiana for the year 1912.

The Legal and Corporate Title of the University is
"LOYOLA UNIVERSITY, NEW ORLEANS, LA."

All donations, endowments, legacies, bequests, etc., should be made under this title.

Ad Majorem Dei Gloriam

LOYOLA UNIVERSITY

NEW ORLEANS

COLLEGE OF PHARMACY

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LOYOLA UNIVERSITY

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COLLEGE OF PHARMACY

COLLEGE CALENDAR

Second Semester, 1937

Feb. 1, Monday.....	Second Semester Recitations Begin.
Feb. 5, Friday.....	Mardi Gras Recess Begins, 5 P. M.
Feb. 10, Wednesday.....	Classes Resumed, 8 A. M.
Feb. 17, Wednesday.....	Annual Retreat Begins.
Feb. 20, Saturday.....	Annual Retreat Closes.
Feb. 24, Wednesday.....	Examinations for Removal of Conditions.
March 24, Wednesday.....	Easter Recess Begins, 5 P. M.
March 30, Tuesday.....	Classes Resumed, 8 A. M.
March 31, Wednesday.....	Applications for Degrees.
April 9, Friday.....	Senior Theses Due.
May 6, Thursday.....	Ascension Day. No Classes.
May 26, Wednesday.....	Final Examinations Begin.
June 4, Friday.....	Second Semester Ends.
June 6, Sunday.....	Baccalaureate Services.
June 7, Monday.....	Commencement Exercises.
June 10, Thursday.....	Registration for Summer School Begins.
June 14, Monday.....	Summer School Recitations Begin.
July 30, Friday.....	Closing of Summer School.

First Semester, 1937-1938

Sept. 9, Thursday.....	Examinations for Entrance and Removal of Conditions.
Sept. 10, Friday.....	Registration of Freshmen.
Sept. 13, Monday.....	Registration of Sophomores.
Sept. 14, Tuesday.....	Registration of Juniors and Seniors.
Sept. 16, Thursday.....	Schola Brevis.
Sept. 17, Friday.....	Classes Begin.
Sept. 24, Friday.....	General Convocation, 11 A. M.
Oct. 5, Tuesday.....	Mass of the Holy Ghost, 10 A. M.
Nov. 1, Monday.....	All Saints' Day.
Nov. 25, Thursday.....	Thanksgiving Day.
Dec. 8, Wednesday.....	The Immaculate Conception.
Dec. 14, Tuesday.....	General Convocation, 11 A. M.
Dec. 22, Wednesday.....	Christmas Recess Begins After Last Scheduled Class.

1938.

Jan. 4, Tuesday.....	Classes Resumed, Regular Schedules.
Jan. 19, Wednesday.....	Semester Examinations Begin.
Jan. 31, Monday.....	Second Semester Begins.

COLLEGE OF PHARMACY

FOUNDED IN 1900

BOARD OF DIRECTORS

REV. HAROLD A. GAUDIN, S.J., *President*

JOHN F. McCLOSKEY, B.B.A., R.Ph., *Vice-President*

REV. F. A. CAVEY, S.J., *Secretary*

REV. G. A. FRANCIS, S.J.

OFFICERS OF ADMINISTRATION

REV. HAROLD A. GAUDIN, S.J., *President*

JOHN F. McCLOSKEY, *Dean*

REV. G. A. FRANCIS, S.J., *Regent*

REV. F. A. CAVEY, S.J., *Secretary*

G. J. KNOBLOCH, *Bursar*

OFFICERS OF INSTRUCTION

- John G. Arnold, Jr., Ph.D. 7120 Willow Street
Professor of Biology and Chairman of the Department (1934).—Chancellor of the Honor Biology Society; A.B., Ohio State University, 1930; A.M., Wesleyan University, 1932; Ph.D., New York University, 1934.
- Paul F. Bailey, B.S. 7919 Willow Street
Associate Professor of Chemistry (1930).—B.S., Loyola University, 1926.
- Robert M. Brooks, S.J., A.M. Thomas Hall
Professor of Classical Languages (1934).—A.B., College of the Immaculate Conception, 1894; A.M., St. Louis University, 1909; Principal, St. John's College, Shreveport, 1930-1932.
- Joseph A. Butt, S.J., A.M. Thomas Hall
Associate Professor of Accounting (1929).—A.B., Gonzaga University, 1919; A.M., *ibid.*, 1920.
- Bentley G. Byrnes, A.B., LL.B. 1926 Prytania Street
Instructor in Pharmaceutical Jurisprudence (1934).—A.B., Loyola University, 1930; LL.B., *ibid.*, 1932; member Louisiana and American Bar Associations.
- John V. Connor, Ph.D. 4133 Gen. Pershing Street
Professor of Economics and Chairman of the Department (1927).—A.B., St. Viator's College, 1922; A.M., Catholic University, 1924; Ph.D., *ibid.*, 1926; Moderator, Commerce Club, 1935.
- Wesley Elmo Doucet, Ph.G. 940 Elysian Fields Ave.
Instructor in Pharmacognosy (1922).—Graduate Southwestern Louisiana Institute, 1912; Ph.G., College of Pharmacy, 1915; Registered Pharmacist, 1915; member American Pharmaceutical Association and the American Association for the Advancement of Science.
- D. Ivan Farnsworth, M.S. 910 S. Carrollton Avenue
Associate Professor of Biology (1933).—A.B., Nebraska Wesleyan University, 1924; M.S., St. Louis University, 1928; Graduate studies. Louisiana University School of Medicine.
- Ferdinand H. Fisher, B.S. 2006 Milan Street
Assistant Professor of Economics (1933).—B.S., University of Detroit, 1927; Moderator of German Society, Loyola University.

Harry T. Fleddermann, B.M.E. 6032 Garfield Street
Assistant Professor of Physics (1932).—B.S., Spring Hill College, 1929;
B. of M. E., University of Detroit, 1931.

George A. Francis, S.J., Sc.D. Thomas Hall
*Professor of Chemistry, Chairman of the Department, Regent of the
School of Pharmacy* (1922).—A.B., Woodstock College, 1918; A.M.,
St. Louis University, 1919; Sc.D., Fordham University, 1922.

John J. Grasser, Ph.G., Ph.C. 1234 St. Andrew Street
Professor of Pharmacy and Pharmaceutical Arithmetic (1919).—B.S.,
Taylor University, 1894; Ph.G., New Orleans College of Pharmacy,
1902; Ph.C., *ibid.*, 1904; Assistant City Chemist, 1903-1906; Analyt-
ical and Consulting Chemist, 1906-1908; Professor of Pharmacy, New
Orleans College of Pharmacy, 1908-1917; member Chemical Warfare
Service, 1917-1918; Dean, Loyola College of Pharmacy, 1919-1932;
member USPX, 1924; American Chemical Society.

Julian Jurgens, Ph.G., B.S. 1033 Moss Street
Associate Professor of Chemistry (1933).—Ph.G., Loyola University,
1929; B.S., *ibid.*, 1931; Instructor in Chemistry, *ibid.*, 1931.

John F. McCloskey, B.B.A., R.Ph. 2935 Calhoun Street
Dean of School of Pharmacy and Instructor in Pharmacy (1932).—
B.B.A., Tulane University, 1925; Registered Pharmacist, Louisiana,
1927; Instructor in Economics, Loyola University, 1929-1932; mem-
ber N. A. R. D., L. S. P. A., A. Ph. A.; retail pharmacist and store
owner, 1912-1916, 1926-1935.

Karl A. Maring, S.J., Ph. D. Thomas Hall
Professor of Physics and Chairman of the Department (1933).—A.B.,
Woodstock College, 1915; A.M., *ibid.*, 1916; Ph.D., St. Louis Univer-
sity, 1932; member of the American Mathematical Society; Board of
Southern Intercollegiate Mathematical Association; Vice-President, Louis-
iana Academy of Science.

Edmond L. Merilh, M.S. 2219 Pine Street
Associate Professor of Biology (1924).—B.S., Spring Hill College,
1917; M.S., Loyola University, 1923.

John Wilbur Mitchell, A.M. 6314 Clara Street
Instructor in Accounting (1930).—B.S.C., Creighton University, 1929;
A.M., Iowa State University, 1934.

Samuel H. Ray, S.J., A.M. Thomas Hall
*Spiritual Adviser to Students and Chairman of the Department of Re-
ligion* (1934).—A.B., Gonzaga University, 1917; A.M., *ibid.*, 1918.

Louis G. Soniat, S.J., A.M.

Thomas Hall

Professor of French (1935).—A.B., Gonzaga University, 1925; A.M., *ibid.*, 1926; Instructor in English, University of Tientsin, China.

Joseph B. Vaughan, B.S. Phar.

7503 Hampson Street

Instructor in Pharmacy and Chemistry (1936).—B.S. in Pharm., Purdue University, 1936; member Kappa Psi.

J. O. Weilbaeher, A.B., Ph.G., M.D. 2835 Esplanade Avenue

Professor of Materia Medica and Pharmacology, 1919; A.B., College of the Immaculate Conception, 1901; Ph.G., New Orleans College of Pharmacy, 1903; M.D., Tulane University, 1906; member LSPA, Louisiana State Medical Society, Orleans Parish Medical Society; staff of Hotel Dieu, Mercy and French Hospitals.

M. F. Wilson, M.D.

118 S. Murat Street

Special Lecturer on Serums and Biological Products (1929).—M.D., Tulane University, 1903; Special Instructor in Health Control; member of Orleans and Louisiana State Medical Societies.

GENERAL STATEMENT

HISTORY

The College of Pharmacy was originally the New Orleans College of Pharmacy and was incorporated under that name May 14, 1900.

In 1913 it became affiliated with Loyola University.

In May, 1919, the New Orleans College of Pharmacy with all its rights and privileges was taken over by Loyola University.

LOCATION

The College of Pharmacy is situated on the University campus at 6363 St. Charles Avenue, opposite the picturesque Audubon Park, and in the heart of the residential section.

BUILDINGS AND EQUIPMENT

The College occupies ample and extensive quarters in Bobet Hall on the University grounds, the whole fourth floor being set aside for this purpose. Besides, Pharmacy students have the use of equipment in the general chemistry and bacteriological laboratories on the third floor and the quantitative laboratory. There are Chemical, Pharmaceutical, and Research Laboratories, each of which is equipped with the latest appliances and apparatus for doing high-grade work. Each branch of the Department of Pharmacy has its own lecture room; all lecture rooms and laboratories are furnished with fans, steam heat, and electric light, and have been carefully arranged to afford the maximum of comfort and convenience to the Faculty and Student Body.

LIBRARY

Besides the general University Library and the Students' Library, there is a special Pharmaceutical Library in the Pharmacy department for the use of the Pharmacy students.

It is the desire of the Faculty that the students accustom themselves to wide reading and research beyond their text books, so that besides their training in Pharmacy they may acquire a broad general culture, without which no one can be thought an educated man.

MUSEUM

Pharmacists of the State and vicinity are sending us curios, such as old books, apparatus and other materials, which will be of pharmaceutical interest.

The value of such a museum is of great benefit to the student. Here he sees the evolution of his art, learns the type of apparatus formerly used, and is stimulated to undertake special research.

All such contributions will be prominently displayed and labeled with the names of the donors.

Donors' list will be found on page 42 of Bulletin.

AIMS AND PURPOSES

A recent survey of pharmacy made by an impartial observer states that pharmacy is without question a profession as well as a business. Recognizing the truth of this observation, our purpose is to give our graduates (1) sound instruction in the fundamental sciences with which a pharmacist has to deal, (2) thorough training along the practical lines of his profession, and (3) as broad a cultural background of general knowledge as is possible within the prescribed time. Such training should serve to give him high professional and business standing in the community.

THE FOUR-YEAR CURRICULUM

The College offers a four-year curriculum leading to the degree of Bachelor of Science in Pharmacy (B. S. Phar.).

This curriculum prepares the student (1) for the duties of the retail pharmacist, (2) for such positions as those of hospital pharmacist and of analytical chemist in pharmaceutical and food laboratories, and (3) for employment in various branches of Federal, State, and Municipal service.

The courses offered in the curriculum include not only those of the fundamental sciences involved in the study of

pharmacy, but also such as are of general cultural value. During the last two years the student may take four or more courses of elective work, which secure for him additional training in commercial management, analytical chemistry, manufacturing pharmacy or botany. Students having the medical or dental profession in view may substitute courses in zoology and physics and thus prepare themselves for admission to a medical or dental school.

RECIPROCITY

Graduates of this College who successfully pass the Louisiana State Board of Pharmacy examination are entitled to practice Pharmacy without further examination in any State whose Board is a member of the National Association of Boards of Pharmacy.

RATING

This College holds membership in the American Association of Colleges of Pharmacy, the object of which is to promote the interests of pharmaceutical education. All institutions holding membership in this Association must maintain certain minimum requirements for admission and graduation. Through the influence of this Association, higher standards of education have been steadily adopted. The fact that several States by law and State Board ruling recognize its standards, is evidence of its influence.

The College is also given full recognition by the Regents of the University of the State of New York.

EMPLOYMENT

The course of lectures has been so arranged as to permit those who desire to devote a portion of their time to employment.

The Dean will keep a register of students seeking such employment and will give every assistance possible in procuring it.

Applicants desiring to be placed in positions are requested to write to the Dean full particulars concerning their age, experience, previous employment and references.

Pharmacists desiring help are requested to communicate with the Dean.

Those who seek positions must bear in mind that, as most of the day is spent at college, they cannot expect to receive much compensation; and that, as the hours they must pass on duty in a store will necessarily be at the disposition of the employer, there will be little leisure left for study. We will, however, endeavor to place all who desire positions, but make no promise to secure them. Past experience has made it clear that students can better succeed by making application in person.

The State Board of Pharmacy requires two years of practical drug-store experience as a prerequisite to examination, credit for one year being allowed for college training.

STUDENT ORGANIZATIONS

Sodality of the Blessed Virgin Mary—For the purpose of fostering religious faith and fervor, and to encourage ambitious boys to spiritual and scholastic leadership, the University Sodality offers many opportunities for personal development, as well as training and practice in social work and religious activity. Weekly meetings are held for the discussion of phases of Catholic life, and bi-weekly the Sodality gathers in Louise Thomas Memorial Chapel to recite the office of the Immaculate Conception and receive Holy Communion in a body.

Student Council—The Student Council consists of twelve members, representing the College of Arts and Sciences, and the Schools of Law, Dentistry and Pharmacy. Three students are selected by the student-body, with the approval of the Faculty, from each of these groups. The duty of the Council is to unify student thought and action. It conducts general meetings and elections, sponsors and manages interclass contests, helps the student publications, and leads and directs student activities.

Debating Club—Students of the College of Pharmacy must participate weekly in exercises of public speaking. To further this activity among the students and to develop special oratorical talent, the Loyola University Debating Club has been formed, which conducts debates with colleges and universities in various sections of the country.

Thespian and Literary Society—The purpose of the Thespians is to develop and give an outlet to the dramatic talent of the students. With this object in view, several plays are given during the year.

Glee Club—Students of the College of Pharmacy are eligible for membership in the Loyola Glee Club. The Glee Club takes an active part in the public entertainments and assemblies of the University and has a schedule of concerts it gives each year for public receptions and for radio programs, over the Loyola Broadcasting Station, WWL-CBS network.

University Band—Membership in the University Band is open to the students of the College of Pharmacy if they have the required ability and training. All who become members are expected to be regular and prompt in attendance at the appointed rehearsals.

Student Publications—The students of the University, under Faculty supervision, issue two publications, the *Maroon*, a weekly, and the *Wolf*, an annual, the editors of which are appointed by the Faculty Director of Student Activities, and they in turn appoint their editorial staffs. The business management is in the hands of the students. Thus, their various duties in the editorial, reportorial, advertising and subscription departments render them familiar with phases of life outside of college that will be of benefit to them in their future careers.

Scientific Societies—The Biology, Chemistry, Physics, and Mathematics Societies meet regularly for the discussion of special problems and for special lectures on scientific subjects. The students of the College of Pharmacy are eligible to membership in these societies subject to the special requirements for admission to each respective society.

Fraternity—On April 11, 1912, the Lambda Chapter of the Beta Phi Sigma was installed, which is strictly a Pharmaceutical Fraternity. It is, besides, a National Fraternity and the oldest of its kind in the United States. Pharmacy students are also eligible to membership in the honorary and the Greek letter fraternities that are active on the campus, such as Blue Key; S. A. K.; U. B. L.; A. D. G.; M. E. D.; Beggars.

PRIZES AND AWARDS

The Dean John F. McCloskey Award—A gold medal suitably inscribed is awarded to the Senior student who, in the opinion of the Dean and the Faculty, is qualified to receive it. The award is based on merits gained during the four years for attendance, deportment, application to study, grades attained, student activities, and professional attitude.

The award was merited as follows:

1935-1936—Robert C. Hollier.

The Louisiana State Pharmaceutical Association Prize—A gold medal is offered by the Louisiana State Pharmaceutical Association to the Senior student who makes the highest general average in Pharmacy for the four years.

The award was merited as follows:

1935-1936—Robert C. Hollier.

The I. L. Lyons & Co. Gold Medal—A gold medal is offered by I. L. Lyons & Co. to the Senior student who makes the highest general average in all the subjects covered in the Senior year.

The award was merited as follows:

1935-1936—Miss Alberta C. LeBlanc.

STUDENTS' RETREAT

During three days of the Second Semester all Catholic students make the annual retreat, which is a character-building, spirit-strengthening series of intellectual and spiritual exercises. No Catholic student will be excused from the fulfilment of this duty, as it is a vital educational factor in character formation.

STUDENT EXPENSES

PAYMENTS

All fees must be paid at the beginning of the school year. The tuition may be paid in two installments, but this must be done at the beginning of each semester.

Unless all indebtedness is promptly paid, no admit card will be issued and the student will not be admitted to regular classes nor be allowed to take any examinations.

It is the duty of each student who applies for registration to come prepared to meet his financial obligations according to these rules. The University is unwilling to make exceptions for any student.

Students who live outside of New Orleans can obtain pleasant rooms in the neighborhood for from \$10.00 to \$15.00 per month. The University is equipped with a very fine modern cafeteria, where the students may take their meals at reasonable rates. The University does not conduct student dormitories.

REFUNDS

In case a student withdraws from the University and makes application for refund during the first ten days of instruction as scheduled, the total amount of his fees for the work dropped, except the matriculation, athletic, and registration fees, will be refunded. If application is made after this ten-day period and before the middle of the semester, a rebate of one-half of the fees, except the matriculation, registration, and athletic fees, will be made. After the middle of the semester, no rebate will be allowed. In no case will any part of the above excepted fees be refunded.

No fees are refunded in case a student is suspended or dismissed for disciplinary reasons, or fails to pass in prescribed or elected courses.

The breakage fee will be administered and refunded according to the regulations of the college. Out of it is taken a charge for damage, loss or injury to materials, apparatus or property; and the distribution of this charge is made to individuals or classes, according to circumstances.

LIST OF FEES

	Fresh- man	Sopho- more	Junior	Senior
Matriculation (1st year only)	\$5.00			
Registration	5.00	\$5.00	\$5.00	\$5.00
Tuition, payable each Semester	62.50	62.50	62.50	62.50
Laboratory:				
Biology	20.00		*10.00	*10.00
Chemistry	20.00	20.00	20.00	20.00
Physics			†20.00	
Pharmacy	20.00	20.00	20.00	20.00
Pharmacognosy			5.00	
Rental of Microscope	10.00		*5.00	*5.00
Breakage Deposit:				
General	5.00	5.00	5.00	5.00
Biology	5.00		5.00	
Chemistry	10.00	10.00	10.00	10.00
Physics			†5.00	
Pharmacy	5.00	5.00	5.00	10.00
General Fees:				
Library	5.00	5.00	5.00	5.00
Athletic	10.00	10.00	10.00	10.00
Student Activities	5.00	5.00	5.00	5.00
Graduation				25.00

*One semester only.

†Elective.

The Athletic fee entitles the student to admission to all athletic events and the privilege of participating in athletic activities on the campus, and to full use of the gymnasium.

The Student Activities fee includes subscription to the *Maroon*.

The Graduation fee includes rental of cap and gown.

A fee of \$1.00 will be charged for a second transcript of credits.

Each student may rent an individual locker for \$2.00 a year.

Combination locks are required for all laboratory desks.

A fee of \$2.00, payable in advance, will be charged for every examination taken out of course.

A fee of \$2.00 will be charged for late registration.

Under certain conditions, a fee is charged for each course taken out of schedule.

ENTRANCE PROCEDURE

Applicants for admission to the Freshman class as candidates for a degree must be at least *seventeen years old*, must be of good moral character, and present "evidences of the satisfactory completion of four years of high school work or its equivalent."

At least fifteen standard high school units are required, of which *three* units must be in English, *two* units in Mathematics, and *one* unit in Natural Science. The remaining nine units must be chosen from the list of Elective Units, with this double limitation: that of these electives, not more than three units in vocational subjects will be accepted and no credit will be allowed for less than two years in any foreign language.

Blank forms for these certificates will be supplied by the Registrar upon application.

Matriculation books will open for the coming session in September. It is recommended that applicants have their credentials sent to the Registrar immediately after graduation from High School. This will enable the Faculty to pass on their eligibility and to inform them of any deficiencies that must be made up in Summer School.

All students are expected to be matriculated before the opening of the session, thus allowing ample time to be assigned to class and provided with laboratory outfit.

Students must be present on the opening day of classes and will not be admitted under any circumstances after the first ten days.

METHODS OF ADMISSION

I. AS A REGULAR STUDENT

Admission as a *matriculated student to the College of Pharmacy may be obtained by one of the following methods: (1) by certificate or diploma of graduation from an approved high school; (2) by examination; (3) by probation; (4) by transfer from another institution of higher learning.

*A matriculated student is one who has fulfilled all entrance requirements, paid all his fees, and is pursuing regular courses leading to a degree.

1. *Admission by Certificate.*—Admission without examination on certificate is granted to students from secondary schools accredited by any recognized standardizing agency, or by the State Board of Education, or by the State University of the state in which the high school is located.

2. *Admission by Examination.*—An applicant who is not entitled to enter on certificate must take the entrance examinations in the following subjects: English, History, Language, Mathematics and Science. These examinations are held on September 9. Applications for these examinations should be made to the Registrar of the University at least two weeks in advance of the opening date. The fee for such examinations is \$2.00 each.

3. *Admission by Probation.*—An applicant who has graduated from a four-year, non-accredited high school will be admitted without examination on probation for one semester on the special recommendation of the principal, provided the applicant, in his high school course, has fully completed the required units for admission to the University and has maintained an average of 10 per cent above the passing mark.

4. *Admission to Advanced Standing.*—Advanced Standing will be given, at the discretion of the Committee on Undergraduate Studies, to an applicant who fulfils the high school requirements for admission and who presents a transcript from the proper official of another institution of accredited collegiate rank. Such credits are granted conditionally and will become final only after the student does satisfactory work.

Students applying for Advanced Standing should have a full transcript of their credits sent to the Registrar of the University in advance of their registration.

II. AS A SPECIAL STUDENT

Mature students who cannot meet the regular entrance requirements of the University may be admitted under the following conditions:

1. They must be at least twenty-one years of age.

2. A student from an accredited high school will not be admitted to the classification of a special student if he has been in attendance in the high school during the previous year.

3. All available certified credits for previous school work must be submitted to the Registrar and an application blank for admission as a special student filled out, giving, in addition to other information, the kind of work desired, the reasons for desiring such work, and, when no credits can be presented, a detailed statement of any previous educational work and practical experience.

4. By virtue of his classification, a special student is not eligible for any degree. He may ultimately become a candidate for a degree, however, by completing the admission requirements of the department in which he is registered.

5. Registration as a special student is for one semester only. Registration for a following semester will be refused if the student has not shown satisfactory earnestness and definiteness of purpose, or if his work has not been satisfactory in the first semester of his admission to the University.

6. No one may register in the University as a special student for more than two years.

ADMISSION REQUIREMENTS

Regular Students—A candidate for admission shall offer fifteen units of credit by examination or by certificate from an approved high school from which he has graduated.

Application for admission accompanied by proper credentials shall be filed with the Registrar at least two weeks in advance of the date of registration. Applications and credentials presented later than two weeks before the opening of the semester will not be considered except by special action of the Committee on Admission. It is obligatory to submit on entrance, official records from all schools previously attended. These credentials are to be sent directly by the proper officer of the school in which they were earned and not through the student. Credentials which are accepted for admission become the property of the University and are kept permanently on file. Blank forms for entrance certificates may be had on application to the Registrar.

The University reserves the right to refuse admission to applicants whose preparatory work is of such a grade as to create doubt regarding their ability to pursue college work successfully.

In order to ascertain the ability of applicants, each freshman desiring to enter the College of Pharmacy will be re-

quired to take the Placement Tests held on the first day of registration. Tests are held in english, mathematics, and sciences. A fee of one dollar is charged for these tests.

Admission Units—Preparation qualifying for admission to University courses is expected to cover normally a period of four years in a secondary school (high school or academy). Admission credits are stated in terms of units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. Two hours of laboratory work are equivalent to one hour of prepared class-room work.

Not more than four units are accepted in any one subject. Candidates offering only one foreign language must have at least two units in that language. They must offer two units in one foreign language before one unit in another foreign language may be accepted.

Subject Requirements—The major portion of the high school course offered for admission should be definitely correlated with the curriculum to which the student seeks admission.

1. The following units are required:

	Units
English	3
Mathematics	2
History	2
Latin or Modern Language.....	2
Laboratory Science.....	1
(Physics, Chemistry, Botany, or Zoology)	

2. In addition to the units required under 1, a sufficient number of units to make a total of fifteen must be offered from the following groups, with the exception that not more than *three* units may be offered from Group B and not more than one unit from any single subject in this group.

GROUP A

	Units		Units
English	1	Solid Geometry.....	$\frac{1}{2}$
Latin	1 - 4	Trigonometry	$\frac{1}{2}$
Greek	1 - 4	Botany	$\frac{1}{2}$ - 1
French	1 - 4	Chemistry	1
German	1 - 4	Biology	1
Spanish	1 - 4	General Science.....	$\frac{1}{2}$ - 1
History	1 - 3	Physics	1
Civics	$\frac{1}{2}$ - 1	Physiology	$\frac{1}{2}$
Economics	$\frac{1}{2}$ - 1	Zoology	$\frac{1}{2}$
Algebra, Advanced.....	$\frac{1}{2}$		

GROUP B

	Units		Units
Bookkeeping	1	Commercial Geography.....	$\frac{1}{2}$
Commercial Law.....	$\frac{1}{2}$	Drawing	1
Commercial Arithmetic.....	$\frac{1}{2}$	Music	1

Advanced Standing—Students from other colleges having standards equal to those of Loyola University and the New Orleans College of Pharmacy will be admitted without examination to advanced standing after satisfying these conditions:

1. The courses taken must be equivalent to the courses of this college.
2. They must have clear records for the year or years in which they claim credit.
3. They must have maintained scholarship records satisfactory to the Committee on Admission.
4. Certificate of honorable dismissal and an official transcript of the students' records must accompany application for transfer to this College.
5. The application must be submitted before the opening session of the College.

Applicants for advanced standing will be subject to the general admission rules which govern the enrollment of first-year students.

Admission of Women—It is becoming daily more recognized that women possess peculiar fitness for the study and practice of Pharmacy. Accordingly, the number of those engaged in the profession is constantly increasing. Hence, women are admitted to all classes upon equal terms with men.

ADMINISTRATIVE PROCEDURE

THE COLLEGE YEAR

Instruction begins in the third week of September on the day specified in the Calendar. Instruction includes thirty-four weeks, divided into two semesters of seventeen weeks each. There is a recess at Christmas and at Easter. Instruction is suspended on legal holidays, and on holy days of obligation observed in the Catholic Church.

INSTRUCTION

The unit of instruction is one hour a week for one semester. Two hours of work in the laboratory are considered equivalent to one hour of recitation. Students may receive credit only for the number of hours published with a course. No credit will be allowed for a course for which a student is not regularly registered.

Attendance as auditors is not granted to regular students without written permission of the Dean.

WITHDRAWAL

A student withdrawing from the College during any semester or before the final examination, forfeits credit for work done in that semester. Students who withdraw from a course without permission of the Dean are recorded as having failed in the course.

HONORABLE DISMISSAL

It is required as a condition of honorable dismissal that students who wish to withdraw from the University shall obtain permission to do so on blanks furnished by the Registrar.

ATTENDANCE

All students must attend assemblies, class room and laboratory exercises regularly. They will be charged with all absences except such as are incurred through University action. Students who are absent from exercises the day preceding or the day following any college recess or vacation will be marked

with two absences for each exercise missed, unless permission has been previously asked for in writing and granted by the Dean.

A student will be dropped from a course when the number of his absences in the course in a semester equals three times the number of weekly periods of the course.

Cases of absences due to serious illness or other extraordinary causes must be referred to the Faculty Committee on Discipline.

Absence from a test that has been duly announced will be marked as two absences in that subject, unless a satisfactory excuse has been previously approved by the Dean.

Excused absences do not exempt from tests, quizzes, or written work required during the period of absence. The responsibility for making up work or taking omitted tests rests wholly upon the student, and he should arrange with the professor for taking these tests, etc. Failure grade will be given where this is neglected.

If a student is tardy three times, or tardy once for more than fifteen minutes, he incurs an absence.

DISCIPLINE

The educational system of this University includes, as one of its most important features, the formation of character. It is expected that each student will be so loyal to the spirit and ideals of his Alma Mater that the exercise of proper self-control will come from his own convictions and free determination.

The College rules and regulations are meant as a guide and help to foster that gentlemanly conduct which is presupposed in every Loyola student. *These rules require regular and punctual attendance at all scheduled exercises, obedience to college customs and regulations, serious application to study, and blameless conduct. A student who shows himself deficient in these essential points will be dismissed.*

HEALTH

Each student must present himself to the Department of Health Service for a medical and dental examination at the opening of school. Record cards indicating defects, weaknesses,

etc., will be kept and the student will be advised as to the proper methods of removing these obstacles to health and improving his physical condition.

Each student must be vaccinated before admission unless he can furnish proof that he has been vaccinated recently.

EXAMINATIONS

Semester examinations in all subjects are held. Written tests and weekly quizzes may be given at the discretion of the professors. The result of the examinations, combined with the grade for the student's class and laboratory work, will determine the final or passing grade for the semester. A student who has failed to take tests or quizzes or to hand in his assigned work will be given an incomplete grade.

The passing grade in the College of Pharmacy is D. The student attaining this grade or above receives credit for the number of semester hours allowed for that portion of the course.

A grade of E represents a condition. This condition may be removed by examination. Only one such examination is allowed, and only on the day assigned by the Dean. If the student is successful in the examination, he receives the full credit of semester hours, but the highest average allowed for his permanent record for this subject is D. If the student fails in the examination, the condition becomes a failure, and the course must be repeated.

Students absent from any examination, unless for the very gravest of reasons, approved by the Dean, will receive a failure grade in that course.

For each conditioned examination, and for each regularly scheduled examination taken out of course, a fee of \$2.00 will be charged.

REPORTS

Reports containing a record of the class standing and attendance are sent to parents or guardians. Special reports are made when it is deemed advisable, or upon special request.

Grades are reported as follows:

Grades—A, 95-100; B, 86-94; C, 80-85; D, 75-79; E, 65-74, Condition; F, Failure; I, Work Incomplete; X, Absent; W, withdrew Officially; WX, Withdrew Unofficially.

CLASSIFICATION OF STUDENTS

Those students are ranked as Sophomores who have at least thirty-two credit hours and as many quality points and have completed the prescribed courses of the Freshman year; Juniors, those who have sixty-four credit hours and as many quality points and have completed the prescribed courses of the Sophomore year; Seniors, those who have ninety-six credit hours and as many quality points and have completed the prescribed courses of the Junior year. This classification is made in the Registrar's Office at the end of each year, and is revised at the beginning of each semester.

Students not included under the above classifications are rated as unclassified.

SCHOLASTIC STANDING

A student, to be scholastically eligible to progress in his course, must pass two-thirds of the credit hours carried in each term. Failure to pass in the required number of hours will result in the student being dropped for scholastic deficiencies.

A student who fails in one-third or less of the credit hours carried may be placed on *probation* for the next term if his general average of grades shows a general weakness.

Students on probation carry a reduced schedule.

ELIGIBILITY RULES

Students taking part in dramatic performances, public debates, oratorical or elocution contests or intercollegiate athletic contests, and those who are appointed to staffs of the University publications, as well as all officers of student organizations, are subject to the following eligibility rules:

1. They must be enrolled in at least twelve semester hours of work in regular or special courses as defined in the curriculum of the University;
2. They must have passed at least twelve hours of the work in which they were enrolled for the last semester in residence;
3. They must not be under official censure of any kind.

REQUIREMENTS FOR GRADUATION

The degree conferred by this institution on its graduates is that of Bachelor of Science in Pharmacy (B.S. Phar.).

Candidates for graduation must have attended four full years of instruction in Pharmacy, the last year of which must have been spent at this College; and they must have attained the required percentage in the periodic or final examinations.

General Requirements

The conditions for the Baccalaureate degree are the following:

1. The satisfactory completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis of approximately 3500 words approved by the Dean of the College and presented on or before April 1st of the year in which the degree is expected to be conferred.
3. In order to be accepted in fulfilment of any requirement for a degree, all work must be completed with at least grade "D", and the general average of the work must be of grade "C" or higher.
4. The payment of all indebtedness, including the graduation fee, in advance.
5. No student shall be considered a candidate for a degree if he has any deficiencies at the beginning of the second semester of his Senior year.
6. All candidates must be present at the Commencement Exercises and receive their degree in person. No excuse outside of serious illness, attested by a reputable physician, will be accepted. The University will not confer degrees *in absentia*.

All applicants for a degree should file in the Registrar's office, on or before the fifteenth of April of their Senior year, a formal application for their degree.

I. AMOUNT OF WORK

In order to receive a Baccalaureate degree, a student is required:

1. To complete 150 semester hours of work and to secure 150 quality points, that is, an average rating of "C" grade or better in all subjects.
2. A certain amount of prescribed work must be done. (See "Character of Work," pages 26-27.
3. In selecting the elective work, the Major and Minor requirements must be kept in mind.
4. Free electives, which afford opportunity either for broader culture or for greater specialization, as the student may choose, must be taken to the amount required to complete 150 semester hours.

II. QUALITY OF WORK

A candidate for a degree must present not only the required quantity of work, but he must attain a certain standard of excellence in his work, especially in his Major field. For this reason the candidate for a Bachelor's degree must present, in addition to the 150 semester hours of credit, 150 credit points for quality of work, or an average mark in all subjects of C or better.

Credit points are earned in the following manner: For the grade of A in a given course, the student receives *three* times as many credit points as semester hours credit allowed for that course; for a grade of B, *twice* as many credit points as semester hours; for the grade of C, *just as many* credit points as semester hours. For the grade of D, quantity points are allowed, but no quality credit.

Graduation honors are computed according to the "quality point system." The points are assigned as follows: for each semester hour of grade A, plus 3 points; B, plus 2; C, plus 1; D, 0; E, minus 1; F, minus 2. The average is obtained by dividing the total number of points earned by the total number of semester hours carried.

A candidate who has made an average of 2.5 graduates "*cum Laude*"; one who has made an average of 2.8, "*magna cum Laude*"; one who has made an average of 3, "*maxima cum Laude*." Record of these honors is inscribed on the diplomas and noted in the published lists of graduates at commencement.

III. CHARACTER OF WORK

By selecting the several courses in Business Administration, or certain elective courses in the sciences, the pharmacy student may prepare either for medicine, dentistry, retail pharmacy, for a laboratory position in a pharmaceutical or cosmetic manufacturing establishment, or for Federal, State, or Municipal services in the Public Health Department.

Course No. †	Description	HOURS PER WEEK			Semester Credit Hrs.
		Class	Lab.	Total Clock	
FRESHMAN YEAR					
Py. 101-102	Theory of Pharmacy I	3	0	3	6
Py. 103-104	Pharmaceutical Technique	0	2	2	2
Py. 105	History of Pharmacy	2	0	2	2
Py. 106	Pharmaceutical Arithmetic	2	0	2	2
Pas. 101	Botany	2	4	6	4
Pas. 102	Zoology	2	4	6	4
Ch. 101-102	Chemistry: General Inorganic	2	4	6	8
Cl. 101-102	English: Composition & Rhetoric	3	0	3	6
Cl. 103	College Algebra	3	0	3	3
Cl. 104	Trigonometry	3	0	3	3
Semester Total		15	10	25	40
SOPHOMORE YEAR					
Py. 211-212	Theory of Pharmacy II	3	0	3	6
Py. 213-214	Operative Pharmacy	2	4	6	8
Pas. 211-212	Pharmacology I	2	0	2	4
Pas. 213-214	Physiology	2	2	4	6
Ch. 211-212	Chemistry: Organic	2	4	6	8
Cl. 211-212	Pharmaceutical Latin	1	0	1	2
Ba. 211-212	Principles of Economics	3	0	3	6
Cl. 105-106	French or				
Cl. 107-108	German	3	0	3	6
Total		18	10	28	46

*All Catholic students will take Religion.

†Odd numbers indicate first semester courses; even numbers indicate second semester courses.

Course No. †	Description	HOURS PER WEEK			Semester Credit Hrs.
		Class	Lab.	Total Clock	
JUNIOR YEAR					
Py. 311-312	Dispensing Pharmacy I	2	4	6	8
Pas. 311-312	Pharmacology II	2	0	2	4
Pas. 313-314	Pharmacognosy	2	2	4	6
Pas. 315	Bacteriology	3	4	7	5
Ch. 311-312	Chemistry: Quantitative	1	6	7	8
Cl. 213-214	French or				
Cl. 215-216	German	3	0	3	6
	Total	13	16	29	37
Elective Subjects					
Cl. 311-312	Physics: General	3	4	7	10
Ba. 312	Accountancy	2	2	4	3
Ba. 313	Finance and Banking	3	0	3	3
Ba. 315-316	Salesmanship and Advertising	2	0	2	4
SENIOR YEAR					
Py. 411-412	Dispensing Pharmacy II	1	2	3	4
Py. 413-414	Pharmaceutical Jurisprudence	1	0	1	2
Py. 415-416	Advanced Pharmacy	2	4	6	8
Pas. 411-412	First Aid and Health Control	2	0	2	4
Ch. 411-412	Pharmaceutical Chemistry	2	4	6	8
	Thesis	1	0	1	1
	Total	9	10	19	27
Elective Subjects					
Py. 417-418	Manufacturing Pharmacy**	0	6	6	6
Py. 419-420	Insecticides	1	0	1	2
Pas. 413	Biological Assaying	2	4	6	4
Pas. 414	Drug Assay	2	4	6	4
Ch. 413	Biochemistry	2	2	4	3
Ba. 414	Retail Store Management	3	0	3	3
Ba. 413	Marketing	3	0	3	3

*All Catholic students will take Religion.

Certain elective subjects required for chosen courses.

**Not given unless ten students enroll for course.

RECAPITULATION OF CLOCK HOURS FOR THE B.S. IN PHAR. FOR RETAIL DRUG STORE WORK‡

	Fresh- man	Sopho- more	Junior	Senior	Total
Pharmacy (Py.)	238	338	204	374	1154
Pharmacology and Allied Sciences (Pas.)	204	204	323	68	799
Chemistry (Ch.)	204	204	238	204	850
Cultural (Cl.)	204		102	34	442
Business Administration (Ba.)	0	102	136	104	342
Total	850	950	1003	784	3587

‡Includes Electives for Retail Work.

DEPARTMENTS OF INSTRUCTION

The courses of instruction are listed and described after the main departmental groupings. Throughout this bulletin the various departments are designated as follows:

Pharmacy.....	Py
Pharmacology and Allied Sciences.....	Pas
Chemistry.....	Ch
Cultural Subjects.....	Cl
Business Administration.....	Ba

The courses of instruction are numbered in accordance with a plan uniform throughout the University:

(a) Lower division courses are numbered from 101 to 199, for Freshmen; and from 201 to 299, for Sophomores.

(b) Upper division courses are numbered from 301 to 399, for Juniors; and from 401 to 499, for Seniors.

Odd numbers indicate courses given in the First Semester, from September to January; even numbers indicate those given in the Second Semester, from January to May.

Each course number is preceded by its departmental designation.

The courses of instruction followed adhere as closely as possible to the *Pharmaceutical Syllabus*, recommended by the National Committee representing the Boards and Schools of Pharmacy of the United States.

Beginning September, 1932, the courses of instruction in this institution were divided into four years, leading to the degree of Bachelor of Science in Pharmacy (B.S. Phar.).

DEPARTMENT OF PHARMACY

John F. McCloskey

John J. Grasser

Joseph B. Vaughan

Bentley G. Byrnes

John G. Arnold, Jr.

Py. 101-102. Theory of Pharmacy I.

6 sem. hrs.

General definitions of pharmacy and a survey and correlation of the studies in pharmacy; consideration of pharmacopoeias and formularies of official character and important unofficial works; discussion of various textbooks and special reference books in pharmacy. The technical operations are fully explained. McCloskey.

Py. 103-104. Pharmaceutical Technique.

2 sem. hrs.

This course parallels the first course in Theory in order to supply adequate laboratory experience with the apparatus used in pharmacy. The general outline of the course embraces weights and measures, solutions, crystallization, percolation, filtration, maceration, and other operations used in pharmacy. Vaughan.

Py. 105. History of Pharmacy.

2 sem. hrs.

The periods of pharmaceutical progress from the era of the Egyptians and Babylonians down to the modern times. The origin, evolution and status of the professions are stressed and special study is made of the outstanding pharmacists of the past and the present time. Papers on important discoveries are read and discussed. McCloskey.

Py. 106. Pharmaceutical Arithmetic.

2 sem. hrs.

Explanations and problems covering weights and measures; relationship of systems; specific gravity; specific volume; reducing and enlarging formulae; concentration and dilution; alligation; percentage and saturated solutions; thermometric scales; and problems based on chemical reactions. Grasser.

Py. 211-212. Theory of Pharmacy II.

6 sem. hrs.

A continuation of Theory I. The student is prepared to study the pharmacy of the organic and inorganic compounds. Particular stress is given to the official status, nomenclature, and preparation of these compounds. A study of the halogens, gases, sulphur, inorganic acids, iron, etc., also the starches, alcohols, oils, resins, products of distillation, alkaloidal and animal drugs.

Vaughan.

Py. 213-214. Operative Pharmacy.

8 sem. hrs.

This course follows the course in Pharmaceutical Technique and is parallel to Theory II. It deals entirely with the production and compounding of medicinal and pharmaceutical preparations. The course embraces all the U. S. P. and N. F. preparations by type examples, particular attention being devoted to the syrups, tinctures, mixtures, powders, fluid extracts, suppositories, ointments, tablets, pills, infusions, etc. All solutions in which chemical reactions are involved and all official preparations which require a knowledge of chemistry for their preparation are stressed.

Grasser.

Py. 311-312. Dispensing Pharmacy I.

8 sem. hrs.

A thorough study of prescription practice with emphasis on the discussion of incompatibility of official drugs and preparations. Practice in reading type prescriptions taken from drug-store files. The object of the course is to teach the student the proper methods of compounding the ordinary prescriptions and formulae encountered in the retail store.

McCloskey.

Vaughan.

Py. 411-412. Dispensing Pharmacy II.

4 sem. hrs.

A continuation of Course I, with emphasis on the everyday problems of a retail pharmacist in dispensing of non-official medicines. The course prepares the student to enter the field as an experienced dispenser.

McCloskey.

Py. 413-414. Pharmaceutical Jurisprudence. 2 sem. hrs.

The more important laws pertaining to pharmacy are emphasized. Brief resumes are given of the commercial aspects of the laws as they relate to contracts, insurance and liabilities, negligence of employees, etc. A study of the regulations set down in such laws as the Public Health, Postal, Pharmacy Acts, Fire Department Regulations, Poison, Food and Drug, Liquor and Narcotic, Sales Tax, etc.

Byrnes.

Py. 415-416. Advanced Pharmacy. 8 sem. hrs.

The first semester covers such work as milk analysis, comprising determination of reactions, specific gravity, fats, added water, preservatives, etc. The course in Urinalysis embraces all the essentials for a complete report, both quantitative and qualitative, and comprises determination of specific gravity, reaction, sugar, albumen, acetone, bile, phosphates, etc. The second semester covers the various methods of assay and standardization as applied to vegetable and animal drugs.

Grasser.

Arnold.

Py. 417-418. Manufacturing Pharmacy. 6 sem. hrs.

The course covers the manufacture of extra-official preparations and those requiring special apparatus; toilet preparations; disinfectants; insecticides; enlarging of formulae; and methods of preservation.

Grasser.

Py. 419-420. Insecticides. 2 sem. hrs.

Classification of insects; importance of insecticides; classification of agents used as insecticides; fungicides; parasiticides; rodenticides.

Arnold.

DEPARTMENT OF PHARMACOLOGY AND
ALLIED SCIENCES

J. O. Weilbaecher

Edmond Merilh

John J. Grasser

Wesley Elmo Doucet

D. Ivan Farnsworth

M. F. Wilson

John G. Arnold, Jr.

Pas. 101. Botany.

4 sem. hrs.

The course includes a study of the characters of the various divisions of the plant world, together with their life processes and their dispersal. While other factors are considered, emphasis is laid upon the characters of representative plants of each division, so that the student may readily acquire those principles of botanical science that have been found to be essential to the proper understanding of Pharmacognosy and Materia Medica. In the laboratory, the microscope is employed for the study of plant structure.

Arnold.

Pas. 102. Zoology.

4 sem. hrs.

Animal Life. A study of the structure, functions and relationships of animal organisms. An intensive study of the cell: structure, divisions, germinal cell, maturation, fertilization and cleavage. The course is so designed as to give the student a basic foundation, leading to a more comprehensive understanding of the later study of Physiology.

Arnold.

Pas. 211-212. Pharmacology I.

4 sem. hrs.

Materia Medica. A study of the more important plant and animal drugs. The source, habitat, constituents and official preparations are discussed.

Weilbaecher.

Pas. 213-214. Physiology.

6 sem. hrs.

The course in Physiology is designed primarily as a preparation for the subsequent study of Pharmacology and as an aid to the student in his work as a pharmacist. The following topics are treated: Living matter, the skeleton, joints, the blood circulation, respiration in lungs and

tissues, food, the digestive system, digestion, absorption, excretion by kidney, skin, lungs, etc.; muscles, the skin, the nervous system, special senses, the eye, the ear etc., common injuries and inflammations, bacteria, disinfection, sterilization, antitoxins, etc.; common germ infections.

Farnsworth.

Pas. 311-312. Pharmacology II.

4 sem. hrs.

Toxicology, Posology, Therapeutics. In this course are brought together information and facts concerning drugs and other agents which have been encountered in other courses. The material is organized and correlated so the student may become acquainted with the Therapeutic values, the Toxicology, and Posology of such agents and material, the symptoms of poisoning and the antidotal treatment for the more important toxic drugs. The course embraces outlines of drugs affecting the nervous system, respiratory system, circulatory system, epithelial tissues, digestive system, body temperatures, genito-urinary system, eye, and those for specific diseases.

Weilbaeher.

Pas. 313-314. Pharmacognosy.

6 sem. hrs.

A study of the physical characteristics of vegetable drugs, their nomenclature, history, habitat, principles, commercial grades and varieties, methods of cultivation, collection and preparation for market, as well as means for their preservation from deteriorating influences. Special emphasis is placed upon the use of the microscope as a means of identification of plants and the detection of constituents of drug mixtures.

Doucet.

Pas. 315. Bacteriology.

5 sem. hrs.

This course comprises the study of the morphological and biological characteristics of the pathogenic and non-pathogenic bacteria. Methods of preparing, cultivating and identifying bacteria are carefully studied, various methods of sterilization are discussed and demonstrated, and the preparation and standardization of vaccines and antitoxins receive careful consideration. Immunity and its various types are studied together with the technique of serum reactions.

Merilh.

Pas. 411-412. First Aid and Health Control. 4 sem. hrs.

The methods of applying simple bandages and the proper handling of first-aid cases as may come within the province of the pharmacist in an emergency are carefully considered. Personal hygiene and its relation to manufacturing and compounding of prescriptions. Sources of infection. Care in handling of prescriptions and refill bottles. Communicable diseases transmitted by direct or indirect contact. Methods of fumigation and disinfection. Wilson.

Pas. 413. Biological Assaying. 4 sem. hrs.

There are a number of very important drugs and their preparations which cannot be satisfactorily assayed by chemical methods. either for the reason that their active principles are not known or cannot be quantitatively isolated in the pure state by any of the known chemical methods. Since there are no satisfactory chemical methods of assay for this class of drugs, recourse must of necessity be had to standardization by pharmacodynamic means.

Pas. 414. Drug Assay. 3 sem. hrs.

This course is a detailed study of all the types of assay methods of the U. S. P, XI Edition. At least one of each type of method must be performed by each student in the laboratory, except biological assays.

Grasser.

DEPARTMENT OF CHEMISTRY

George A. Francis, S.J.

Paul F. Bailey

John J. Grasser

Julian Jurgens

Joseph B. Vaughan

Ch. 101-102. Chemistry: General Inorganic and Qualitative.

8 sem. hrs.

The fundamental principles of chemistry, definitions of elements, atoms, molecules, acids, bases, salts, explanation of the Ionic theory, chemical and physical laws. The study of the elements is followed by a consideration of the compounds.

Bailey.

Ch. 211-212. Chemistry: Organic.

8 sem. hrs.

This course includes a study of the source of organic compounds, their properties, purification, proximate and ultimate analysis, determination of melting and boiling points, homology, isomerism, destructive distillation, combustion, decay, fermentation, determination of formulae. Classification of the organic substances.

Fr. Francis.

Ch. 311-312. Chemistry: Quantitative Analysis.

8 sem. hrs.

A course in the principles of quantitative analysis, consisting of practice in the gravimetric and volumetric analysis of inorganic compounds. Typical problems.

Jurgens.

Ch. 411-412. Pharmaceutical Chemistry.

8 sem. hrs.

This course embraces a study of the inorganic chemicals and their preparation, as well as organic substances. The laboratory work includes qualitative and quantitative analysis, determination of purity, U. S. P. tests, assays, and typical problems relative to the materials covered.

Fr. Francis.

Grasser.

Vaughan.

Ch. 413. Biochemistry.

3 sem. hrs.

A brief review of General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry, together with a general survey of the more important mathematical and physical facts essential to the pursuit of this field of chemistry. This is followed by a study of the chemical constituents of the body and the chemical reactions involved in and essential to life.

DEPARTMENT OF CULTURAL SUBJECTS

Louis G. Soniat, S.J.

Ferdinand H. Fisher

Karl A. Maring, S.J.

Harry T. Fleddermann

Gerald J. Eberle

Cl. 001. English Composition.

0 sem. hrs.

A course devoted to practice in *correct* writing. This is a laboratory course conducted one hour a week and required of all freshmen. Upper classmen who are deficient in oral or written composition may be obliged to follow this course.

Eberle.

Cl. 101-102. English: Composition and Rhetoric.

6 sem. hrs.

Principles of *effective* writing. Exercises in *précis* work, essays, speeches. Principles of *artistic* writing. Exercises in narrative and descriptive forms, and the familiar essay.

Eberle.

Cl. 103. College Algebra.

3 sem. hrs.

Progressions, Binomial Theorem, Logarithms, Interest, Choice, Chance, Series, Variables, Determinants, etc. A brief course for pre-medical students.

Fleddermann.

Cl. 104. Plane Trigonometry.

3 sem. hrs.

Trigonometric Functions of Acute Angles; Use of the Table of Natural Functions; Logarithms; the Right Triangle; Trigonometric Functions of Any Angle; Functions of the Sum or the Difference of Two Angles; the Oblique Triangle; Graphs of Functions; Trigonometric Identities and Equations; Applications of Trigonometry to Algebra.

Fleddermann.

Cl. 001. French: Elementary.

6 sem. hrs.

Fundamentals of grammar. Careful drill in pronunciation. Emphasis on the inflection of the verb. Writing from dictation. General syntax.

Fr. Soniat.

Cl. 105-106. French: First Year College. 6 sem. hrs.

Drill in the French verb. Emphasis on the irregular verb. Thorough review of syntax, with emphasis on the moods and tenses. Drill in sentence and paragraph building. Fr. Soniat.

Cl. 021. German: Elementary. 6 Sem. hrs.

Fundamentals of grammar. Oral and written exercises. Readings, easy conversation. Fisher.

Cl. 107-108. German: First Year College. 6 sem. hrs.

Grammar review. Oral and written exercises. Reading of German prose fiction and scientific texts. Fisher.

Cl. 211-212. Pharmaceutical Latin. 2 sem. hrs.

Since Latin is the language of the prescription, a knowledge of the fundamental principles governing the language is essential to prescription writing, translation, and deciphering. A previous knowledge of Latin is not assumed, and the course is designed so that the student is enabled to interpret and become familiar with the Latin of the Pharmacopoeia and Formulary and other works, as well as to gain proficiency in interpreting, reading and writing prescriptions. Therefore, Latin abbreviations, as used in pharmacy, are fully covered and stressed.

Cl. 213-214. French: Second Year College. 6 sem. hrs.

The French novel. The romantic, the realistic and the contemporary novel. Sources, development, influences. Fr. Soniat.

Cl. 215-216. German: Second Year College. 6 sem. hrs.

Composition. Readings from prose writers and poets; brief readings from scientific authors. Advanced grammar. Conversation. Fisher.

Cl. 311-312. Physics: General. 10 sem. hrs.

The fundamental principles of mechanics, sound, and light. The principles of heat, magnetism and electricity. Fr. Maring.

DEPARTMENT OF BUSINESS ADMINISTRATION

John F. McCloskey

John W. Mitchell

John V. Connor

Joseph A. Butt, S.J.

Ferdinand H. Fisher

Ba. 211-212. Principles of Economics.

6 sem. hrs.

A survey of the more important problems arising under modern industrial conditions. Economic structures and functions. Value and prices. Supply and demand. Money and monetary systems. Credit and banking. Nature and scope of monopoly. Trusts. Production. Distribution. Consumption.

Connor.

Ba. 311-312. Accountancy.

6 sem. hrs.

Fundamental principles in their actual business application. Elements of single and double entry bookkeeping. Methods of recording and presenting facts. Opening and closing books. Laboratory problems. Fr. Butt.

Ba. 313. Finance and Banking.

3 sem. hrs.

Qualities and functions of money. Monetary systems. Nature, functions, and instruments of credit. Principles of commercial and trust banking. Federal Reserve system. Agricultural credit. Investment banks. Stock exchanges. Commercial paper houses.

Fisher.

Ba. 315. Salesmanship.

2 sem. hrs.

Relation of selling to pharmacy. Motives for buying and analyses of customer habits. Suggestions and personality. Sales demonstrations. Practical observations in the field.

McCloskey.

Ba. 316. Advertising.

2 sem. hrs.

Fundamental principles of advertising. Layouts and writing of advertising copy. Advertising agencies and media. Advertising forms. Application of psychology to various types of advertising. Practical observations in the field.

Fisher.

Ba. 414. Retail Store Management.

3 sem. hrs.

This is a practical course covering the everyday problems of the owner or manager of a retail drug store. Purchasing, stock control, sales programs, and displays; relations with sources of supplies as well as banking connections and credit agencies are discussed. Frequent special lectures by men active in the retail field are given throughout the course. The student is required to present surveys and criticisms of practices in the retail stores he contacts.

McCloskey.

Ba. 413. Marketing.

3 sem. hrs.

Outline of the present-day methods of marketing and merchandising. Analysis of marketing situations. The function of the middleman. The cooperative movement. Raw materials, and manufactured goods on the market. Retail types of distribution. The integrated stores, chains, department, branch, etc. As well as the entire distributive channel as it relates to pharmacy and pharmacy products.

Mitchell.

FORMS OF BEQUESTS

Gifts and bequests of money, securities, or real estate are gratefully received by Loyola University. Many additions may thus be made to the resources of the institution.

To serve the College in this way it is not necessary to make a large bequest. There are doubtless many who, without injury to family or other interests, could bequeath \$500, \$1,000, or \$5,000; and some who might bequeath a much larger sum.

Unless other use is specified, it is the general policy of the institution to designate funds so given as a part of the permanent endowment of the institution. In this case, the principal is never expended, but is loaned on adequate security. The income is used annually toward paying the current expenses of the institution.

It is advisable to ascertain the requirements of the law in the state in which the testator resides, and to be careful that such requirements are complied with.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to Loyola University, New Orleans, Louisiana, for the use of said institution in fulfilment of its general corporate purpose.....

.....
(State here the sum of money desired to be given, or, if it be the residue of an estate, state this fact.)

FORM OF BEQUEST FOR A PARTICULAR PURPOSE

I hereby give and bequeath to Loyola University, New Orleans, Louisiana, for the following purpose.....

.....
(State clearly the special object of the bequest, as well as the sum of money or property, real or personal, constituting the same.)

REGISTER OF STUDENTS

1936-1937

SENIORS

Berbuesse, William H.....	Louisiana
Braunstein, Norman W.....	Minnesota
Carrera, Carlos	Porto Rico
Costanza, Michael A.....	Louisiana
Deleroix, Miss Aimée E.....	Louisiana
Guedry, Albert A.....	Louisiana
Reulet, Roy J.....	Louisiana
Tassin, Harold P.....	Louisiana
Valenzuela, Rodolfo	Honduras
Welch, Edward W., Jr.....	Louisiana

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Blanchard, Miss Hyacinth A.....	Louisiana
Davis, Warren E.....	Louisiana
Giordano, John Charles.....	Louisiana
Glaviano, Miss Estelle	Louisiana
Hutchinson, William R.....	Louisiana
Kluchin, Paul W.....	Louisiana
Miranti, Vincent P.....	Louisiana
Morrow, Robert L.....	Louisiana
Richmond, Harold M.....	Louisiana
Soto, Federico	Cuba
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Cannatella, Joseph A.....	Louisiana
Civarra, Mother Lorenzina.....	Washington
Cocchiara, Sylvester J.....	Louisiana
Daspit, Wilbur A.....	Louisiana
Ernst, Joseph F.....	Louisiana
Landry, Thomas B., Jr.....	Louisiana
Muller, Louis P.....	Louisiana
Poche, Paul V.....	Louisiana
Strain, Miss Elsie R.....	Louisiana
Von Simonovic, Mother Edward.....	New York

FRESHMEN

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Ayo, Eugene J.....	Louisiana
Centanni, Miss Rosalie L.....	Louisiana
Harrison, Miss Mathilda C.....	Louisiana
Heiman, Miss Marcia.....	Louisiana
Lodato, Andrew	Florida
Montalbano, Nick C.....	Illinois
Pitre, Miss Helen R.....	Louisiana
Poche, Miss Rose Mae.....	Louisiana
Ramoneda, Miss Josephine.....	Louisiana
Randazzo, Miss Rose.....	Louisiana
Scheuermann, George J.....	Louisiana
Villa, Edward L.....	Honduras
Vinci, James D.....	Louisiana
Ware, Miss June Lois.....	Louisiana

HONOR ROLL

Those who have contributed in a material way to the purposes of the College:

Mr. Sidney J. Peters, '05.....	New Orleans, La.
Mr. J. N. Richard.....	Bayou Goula, La.
Mr. N. Parmental, Jr., '09.....	New Orleans, La.
Mr. John G. Grasser, '02.....	New Orleans, La.
Mr. Edward Wunderlich	New Orleans, La.
Merek Chemical Company.....	Rahway, N. J.
Eli Lilly & Company.....	New Orleans, La.
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Katz & Besthoff, Inc.....	New Orleans, La.
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